

Converting Colors

Hex(9D3E00)

Have a look what the booklet for
Hex(9D3E00) contains.

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Color

Hex(9D3E00)

Conversions

Conversions Part 1

Format	Color
Hex	9D3E00
RGB	157, 62, 0
RGB Percent	62%, 24%, 0%
CMY	0.3843, 0.7569, 1.0000
CMYK	0.00, 0.61, 1.00, 0.38
HSL	24°, 100%, 31%
HSV	24°, 100%, 62%
XYZ	15.6273, 10.6133, 1.2249
YIQ	83.3370, 76.5220, 0.8580

Conversions

Conversions Part 2

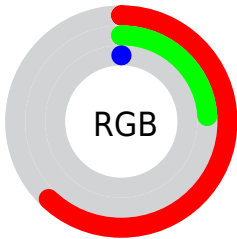
Format	Color
RYB	157, 102, 0
Decimal	10305024
CIELab	38.92, 37.19, 49.88
CIELCh	39, 62.214, 53.294
Yxy	10.6133, 0.5690, 0.3864
Android (android.graphics.Color)	4288495104 (0xFF9D3E00)
YUV	83.3370, -41.0851, 64.6025
Hunter-Lab	32.5781, 28.6121, 20.5754

Details

The Hex color **9D3E00** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **005F9D**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **DA7136**, and **620800** is the 20% darker color. If you saturate the color by 10%, you get **9D3E00**, and if you desaturate by 10%, it is **9D4710**.

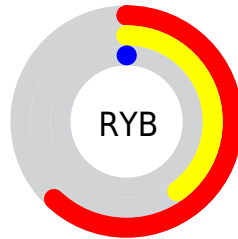
Distribution



Red (62%)

Green (24%)

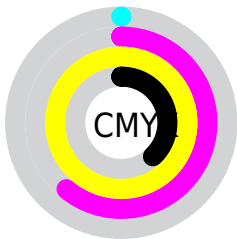
Blue (0%)



Red (62%)

Yellow (40%)

Blue (0%)

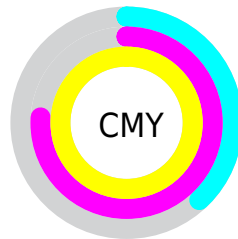


Cyan (0%)

Magenta (61%)

Yellow (100%)

Black (38%)



Cyan (38%)

Magenta (76%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D3E00 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 9D3E00 by changing the saturation by 10% instead.

 9D3E00

 9D3E00

 FFFFF1

 7F2500

 DA7136

 620800

 F98B4E

 450000

 FFA668

 2D0001

 FFC282

 000000

 FFDE9C

 FFFBB8

 FFFFD4

 9D3E00

 9D4710

 9D511F

 9D5B2F

 9D643F

 9D6E4F

 9D775E

 9D816E

 9D8A7E

 9D948D

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B11F37



9D3E00



7A5600

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



9D3E00



00704E



3853BA

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



9D3E00



005F9D

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



0066C1



9D3E00



007182

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



9D3E00



006D17



006FAD



8C3799

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



9D3E00



5B6000



006FAD



005BBF

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



9D3E00



CCA78F



9D0061



665041



E6E6E6



666666

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



9D3E00



CC5100



9D8B00



4F4A47



8F3800



0F0600

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



005F9D



007BCC



00129D



474C4F



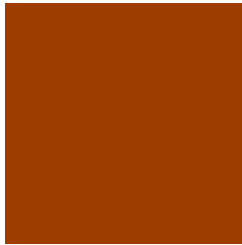
00568F



00090F

Previews

White Background



This preview shows how the Hex color 9D3E00 looks on a white background.

Color Contrast Check

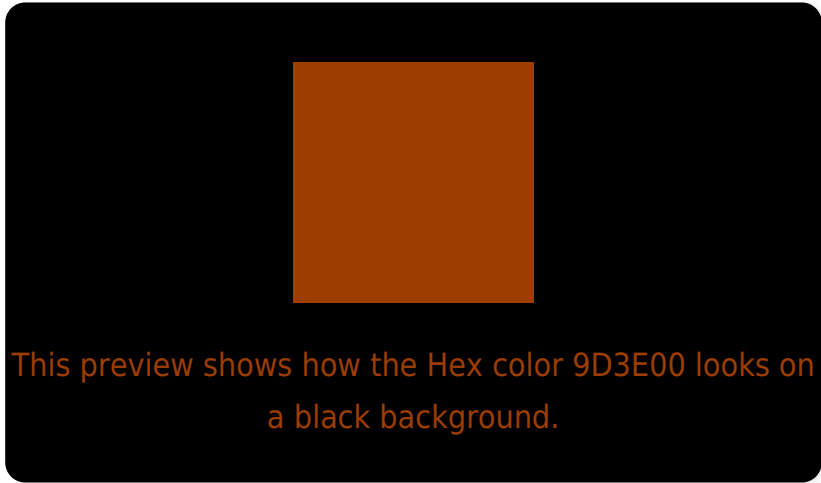
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 9D3E00 Background



This preview shows how black text looks on a background with the Hex color 9D3E00.



This preview shows how white text looks on a background with the Hex color 9D3E00.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
9D3E00

Protanopia
685D10

Deuteranopia
755800



Tritanopia
9E3A3D

Trichromacy



Original Color
9D3E00

Protanomaly
7B520A

Deuteranomaly
844F00

Tritanomaly
9E3B27

Monochromacy



Original Color
9D3E00

Achromatopsia
535353

Achromatomaly
6E4B35

CSS Examples

Text

The CSS property to change the color of the text to Hex 9D3E00 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #9D3E00 looks like.

```
.text, #text, p{  
    color:#9D3E00  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #9D3E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D3E00
}
```

Border

The CSS property to change the border of an element to Hex 9D3E00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

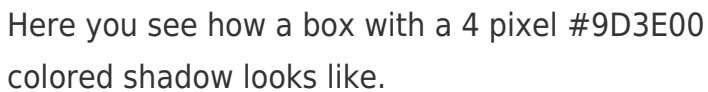
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9D3E00 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#9D3E00 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #9D3E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D3E00; -webkit-box-shadow:4px 4px  
4px 4px #9D3E00; box-shadow:4px 4px 4px  
4px #9D3E00 }
```

Background

The CSS property to change the background color of an element to Hex 9D3E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D3E00 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#9D3E00 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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